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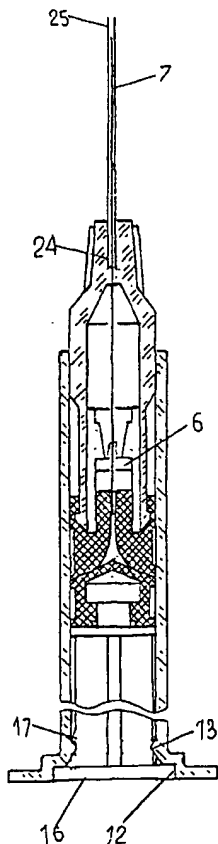
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(54) Title: A SINGLE-USE SYRINGE INCORPORATING A SLIDING PROTECTION SHEATH FOR THE NEEDLE



(57) Abstract: The present invention relates to single-use injection syringes having means of protection from re-use and more importantly from traumatizing by a needle after injection. Application of said medical syringe allows eliminating its reuse, guaranteeing prevention from traumatizing by the distal end of the needle after injection and excluding the possibility of carry incurable or difficult to cure infection diseases. A protective sheath covering the needle of the syringe is automatically advanced to cover the distal end of said needle upon completion of its single use. A thin-walled protective sheath is further installed circumferentially onto the syringe needle without clearance and fixed on an actuator located in the barrel above a partition having freedom of lengthwise travel allowing to inject a needle with said sheath hypodermically/under the skin or intramuscular to a patient painlessly with the possibility of additional extension of tissue by said sheath, which in turn, allow to speed up the process of a absorption of injected medications.

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